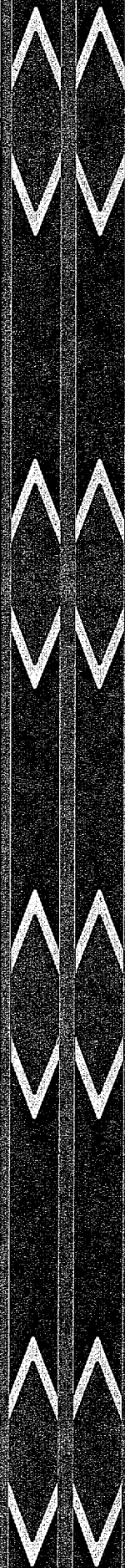


# APPENDIX

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# WILLCOX - COCHISE COUNTY AIRPORT SURVEY

1996 Airport Master Plan

Dear Aircraft Owner or Pilot:

We are presently preparing an Airport Master Plan for the Willcox - Cochise County Airport. As an aircraft operator, you could provide valuable information concerning airport usage, current problems and long-range improvement priorities. We are interested in your opinions, comments, and suggestions, and assure you that your response will be held in our strictest confidence.

Below is a brief questionnaire which we would appreciate your completing and returning to us in the postage-paid, self-addressed envelope. The information you provide is important and greatly appreciated. Thank you for your help!

Sincerely,

## BUCHER, WILLIS & RATLIFF CORPORATION

Kansas City, Missouri

Contact: Brad Weisenburger/Rick Bowen

1-800-748-8276

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_

Aircraft: \_\_\_\_\_

Tail No.: \_\_\_\_\_

Aircraft: \_\_\_\_\_

Tail No.: \_\_\_\_\_

1. Is your aircraft based at the Willcox-Cochise County Airport? ☐ Yes ☐ No  
If No, please indicate where? \_\_\_\_\_  
If No, why not at Willcox? \_\_\_\_\_  
If No, would you consider basing at Willcox-Cochise County Airport: ☐ Yes ☐ No
2. How many years have you been an aircraft owner in the Willcox Area? \_\_\_\_\_
3. On average, how many flights do you conduct per month at Willcox-Cochise County Airport? \_\_\_\_\_
4. Please indicate the "type" and percent of activity you normally use your aircraft for?  
Recreational: ☐ \_\_\_\_\_ %  
Personal Business: ☐ \_\_\_\_\_ %  
Corporate: ☐ \_\_\_\_\_ %  
Agricultural: ☐ \_\_\_\_\_ %  
Other: \_\_\_\_\_ ☐ \_\_\_\_\_ %
5. What most accurately describes your future aircraft ownership plans?  
Keep existing aircraft \_\_\_\_\_ Purchase larger aircraft \_\_\_\_\_  
Purchase additional aircraft \_\_\_\_\_ Sell aircraft \_\_\_\_\_
6. On average, how many passengers do you carry per trip? \_\_\_\_\_
7. Would you consider building a hangar on the airport on land leased from the county? \_\_\_\_\_

(OVER)

# WILLCOX - COCHISE COUNTY AIRPORT SURVEY

1996 Airport Master Plan

8. Are there adequate services at the Willcox-Cochise County Airport? ☐ Yes ☐ No
9. Do you travel to other airports for routine aircraft service? ☐ Yes ☐ No  
If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. Please describe any aircraft service, facility or equipment related problems associated with the airport. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
11. What Willcox-Cochise County Airport FBO services do you utilize:  
Fuel ☐ Maintenance ☐ Neither ☐
12. Please rate the importance of the following equipment service characteristics (5 is the most important; 1 being the least;).
- |                             |       |                                  |       |
|-----------------------------|-------|----------------------------------|-------|
| Fuel Cost and Supply        | _____ | Hangar Space                     | _____ |
| Maintenance/Repair Facility | _____ | Instrument Procedures            | _____ |
| Runway Length               | _____ | Terminal Building Facilities     | _____ |
| Runway Surface              | _____ | Terminal Area Nav aids           | _____ |
| Runway/Approach Lighting    | _____ | Crosswind Runway Availability    | _____ |
| Approach Obstructions       | _____ | Courtesy/Rental Car Availability | _____ |
| Safe/Reliable Facilities    | _____ | Airport Access/Location          | _____ |
13. What would you consider as an appropriate monthly rental charge if the County built a;  
T-hangar? \$ \_\_\_\_\_ Shade hangar? \$ \_\_\_\_\_
14. How would you rate the overall community attitude toward the existing Airport?  
Strong Support \_\_\_\_\_ Moderate Support \_\_\_\_\_ Indifferent \_\_\_\_\_ Opposed \_\_\_\_\_
15. Would you support a bond election for airport improvements? ☐ Yes ☐ No
16. Please offer *any* comments which are important to you, but not previously addressed.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Please insert this questionnaire into the postage paid, self-addressed envelope.  
Thank you for your time!*

1. Yes - 10  
No - 9
2. Avg. 9 years
3. Range 25-2 operations per month
4. 40% Recreational  
45% Personal Business  
15% Corporate
5. Keep Existing -14  
Add - 1  
Purchase Larger - 2  
Sell - 0
6. 1-2 passengers most common answer
7. Yes - 9  
No - 9
8. Yes - 12  
No - 6 (need avionics)
9. Yes - 4 (avionics)  
No - 11
10. Hangar Space - 6, Taxiway Repair - 3, Ramp Conditions -2
11. Fuel - 14, Maintenance -9, Neither - 1
12. Hangar Space - 10, Safe Facilities - 10, Fuel Cost - 9, Crosswind -6, Runway Surface -6,  
Maintenance - 5, Terminal Facilities -2,
13. T-Hangar - \$100most common answer, range \$15- \$150  
Shade Hangar - \$ 30 most common answer, range \$15-\$75
14. Strong - 0  
Moderate - 5  
Indifferent - 12  
Opposed - 0
15. Yes - 7  
No - 4
16. Good comments about current FBO  
Need Hangar Space - several expressed interest to build  
County not responsive to airport needs and hinders hangar development  
Airport is important due to location in county and to Willcox

United States  
Department of  
Agriculture

Natural Resources  
Conservation  
Service

Willcox Field Office  
247 S. Curtis  
Willcox, AZ 85643  
(520) 384-2229

---

Bradley C. Weisenburger, ASLA  
Bucher, Willis & Ratliff Corp.  
7920 Ward Parkway  
Kansas City, Missouri 64114

February 25, 1997

Dear Mr. Weisenburger:

This letter regards the Cochise County (Willcox) Airport Project.

According to the Willcox Area, Arizona soil survey the airport predominantly lies on two soil types. These include Stewart loam and Gothard fine sandy loam soils. Both of these soils contain intermittent ponded areas within them that meet the definition of hydric soils. Neither of these soils are classified as prime farmland.

Our floodplain management study indicates that a considerable portion of the airport area is located in the 100 year floodplain. A flood protection plan should be developed to address the flooding potential of the site.

I hope this brief review and the information provided will be of benefit to you.

Sincerely,



Dave Matthews  
District Conservationist

HYDRIC SOILS LIST

Willcox Area (665)

<u>SYMBOL</u>	<u>NAME</u>
Ce	Cogswell clay loam, alkali (minor inclusions of intermittent ponded areas)
Ct	Crot sandy loam (intermittent ponded areas and wet spots are a part of this unit)
Du	Duncan loam (intermittent ponded areas are a part of this unit)
Dv	Duncan loam, shallow variant (intermittent ponded areas are a part of this unit)
Go	Gothard fine sandy loam (intermittent ponded areas are a part of this unit)
Gt	Guest clay loam (inclusion of wet spots in area south of Sierra Bonita Reservoir only)
Pr	Pridham loam (has small wet areas throughout the unit)
SnA	Sonoita sandy loam, 0 to 2 percent slopes (inclusion of wet spots in area south of Sierra Bonita Reservoir only)
St	Stewart loam (intermittent ponded areas are a part of this unit)
TrC	Torriorthents, hummocky (intermittent ponded areas are a part of this unit)

# FARMLAND CONVERSION IMPACT RATING

<b>PART I (To be completed by Federal Agency)</b>		Date Of Land Evaluation Request <b>2/18/97</b>	
Name Of Project <b>COCHISE COUNTY AIRPORT - WILLCOX</b>		Federal Agency Involved <b>FAA</b>	
Proposed Land Use <b>AIRPORT</b>		County And State <b>COCHISE COUNTY, AZ</b>	
<b>PART II (To be completed by SCS)</b>		Date Request Received By SCS	
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply – do not complete additional parts of this form).		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Major Crop(s)		Farmable Land In Govt. Jurisdiction Acres: %	Acres Irrigated Average Farm Size
Name Of Land Evaluation System Used		Name Of Local Site Assessment System	Amount Of Farmland As Defined in FPPA Acres: %
			Date Land Evaluation Returned By SCS
<b>PART III (To be completed by Federal Agency)</b>		Alternative Site Rating	
		Site A	Site B
		Site C	Site D
A. Total Acres To Be Converted Directly		0	
B. Total Acres To Be Converted Indirectly		0	
C. Total Acres In Site		600	
<b>PART IV (To be completed by SCS) Land Evaluation Information</b>			
A. Total Acres Prime And Unique Farmland		0	
B. Total Acres Statewide And Local Important Farmland		0	
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted		0	
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value			
<b>PART V (To be completed by SCS) Land Evaluation Criterion</b>			
Relative Value Of Farmland To Be Converted (Scale of 0 to 100 Points)			
<b>PART VI (To be completed by Federal Agency)</b>		Maximum Points	
Site Assessment Criteria (These criteria are explained in 7 CFR 658.5(b))			
1. Area In Nonurban Use			
2. Perimeter In Nonurban Use			
3. Percent Of Site Being Farmed			
4. Protection Provided By State And Local Government			
5. Distance From Urban Builtup Area			
6. Distance To Urban Support Services			
7. Size Of Present Farm Unit Compared To Average			
8. Creation Of Nonfarmable Farmland			
9. Availability Of Farm Support Services			
10. On-Farm Investments			
11. Effects Of Conversion On Farm Support Services			
12. Compatibility With Existing Agricultural Use			
TOTAL SITE ASSESSMENT POINTS		160	
<b>PART VII (To be completed by Federal Agency)</b>			
Relative Value Of Farmland (From Part V)		100	0
Total Site Assessment (From Part VI above or a local site assessment)		160	45
TOTAL POINTS (Total of above 2 lines)		260	45
Site Selected: <b>EXISTING SITE</b>		Date Of Selection <b>3/10/97</b>	
		Was A Local Site Assessment Used? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Reason For Selection: <b>SITE SELECTED BASED UPON EXISTING TOPOGRAPHY, ACCESS, AIRSPACE + COMPATIBLE LAND USE.</b>			

March 24, 1997

RECEIVED

MAR 28 1997

Bradley C. Weisenburger, ASLA  
Bucher, Willis & Ratliff  
7920 Ward Parkway  
Kansas City, Missouri 64114-2021

BUCHER, WILLIS & RATLIFF  
ARCHITECTS  
KANSAS CITY, MO

RE: Willcox; Cochise County Airport, Environmental Assessment; Cochise  
County and FAA

Dear Mr. Weisenburger,

Thank you for consulting our office regarding the preparation of an Environmental Assessment for this proposed undertaking. I have reviewed the information submitted and have the following comments.

1. Your letter indicates that planned activities include additional runway and taxiway construction and expansion of the terminal area.
2. Our records check does not indicate that archaeological sites or other cultural resources have been identified within or adjacent to the area identified on your map and photograph; however, the property has not been systematically surveyed.
3. Therefore we recommend that the area be surveyed by a qualified archaeologist in order to locate any existing cultural resources prior to any ground-disturbing activity. Attached is a list of consultants who could do the work. Once the survey report has been completed, a copy should be sent to this office for review and comment.

Your continued cooperation with this office in considering the impacts of this project on historic preservation is greatly appreciated. If you have any questions, please contact me at (602) 542-7137 or 542-4009.

Sincerely,



Carol Heathington  
Compliance Specialist  
State Historic Preservation Office



1300 W. Washington  
Phoenix, Arizona  
85007

Tel: 602-542-4174

Fax: 602-542-4188

<http://www.pr.state.az.us>

Fife Symington  
Governor

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BOARD MEMBERS

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M. Jean Hassell  
State Land  
Commissioner

Kenneth E. Travous  
Executive Director

Charles R. Eatherly  
Deputy Director



**ARIZONA SHPO ARCHAEOLOGICAL AND ETHNOGRAPHIC  
CONSULTANTS LIST**

(Revised March 24, 1997)

**--THIS LIST IS NOT A COMPREHENSIVE LIST OF QUALIFIED  
CONSULTANTS IN THE STATE OR AN OFFICIAL ENDORSEMENT  
BY THE SHPO--**

**CRITERIA FOR INCLUSION ON THIS LIST:**

- 1) Firm or individual must be based in or have an office in Arizona.  
*Note: The SHPO does maintain a file on out-of-state firms that is available to the public upon request.*
- 2) Firm or individual must meet the Secretary of Interior's Standards for professional qualifications.
- 3) Firm or individual must have successfully completed a project reviewed by the SHPO within the last 5 years.
- 4) Firm or individual must have submitted a written request to be on the list and documentation of professional qualifications to the SHPO.

*Archaeological Consulting Services, Ltd.,* Attn: Margerie Green, Ph.D.  
424 W. Broadway Road, Tempe, AZ 85282. Phone: (602) 894-5477.  
Fax: (602) 894-5478.

*Archaeological Research Services, Inc.,* Attn: Lyle M. Stone, Ph.D.  
2124 S. Mill Avenue, Tempe, AZ 85282. Phone: (602) 966-3508.  
Fax: (602) 303-0080.

*James E. Ayres, Archaeologist*  
1702 East Waverly, Tucson, AZ 85719. Phone: (520) 325-4435 -or-  
(520) 620-1480.

*Aztlan Archaeology, Inc.,* Attn: Laurie V. Slawson, Ph.D.  
P.O. Box 44068, Tucson, AZ 85733-4068. Phone: (520) 620-1480.  
Fax: (520) 620-1432.

*Belagana Research Institute*  
P.O. Box 44068, Tucson, AZ 85733-4068. Phone: (520) 620-1480.  
Fax: (520) 620-1432.

*David S. Boloyan, Archaeologist/Ethnologist*  
1323 West Laird Street, Tempe, AZ 85281. Phone: (602) 858-9563.

*Andrew L. Christenson, Archaeological Consultant*  
746 Redondo Road, Prescott, AZ 86303. Phone: (520) 445-7341.

*Cultural & Environmental Systems, Inc.,* Attn: Mary Lou Heuett  
P.O. Box 2324, Tucson, AZ 85702-2324. Phone: (520) 622-2782.  
(Same as Phone #) Fax: (520) 622-2782.

*Dames & Moore, Inc.*, Attn: J. Simon Bruder, Ph.D.  
7500 N. Dreamy Draw Drive, Suite 145, Phoenix, AZ 85020.  
Phone: (602) 371-1110.  
Fax: (602) 861-7431.

*Desert Archaeology, Inc.*, Attn: William H. Doelle, Ph.D.  
3975 N. Tucson Boulevard, Tucson, AZ 85716.  
Phone: (520) 881-2244.  
Fax: (520) 881-0325.

*Gila River Indian Community, Cultural Resource Management Program*  
Post Office Box E, Sacaton, AZ 85247.  
Phone: (520) 562-3301.  
Fax: (520) 562-4008.

*Howard Archaeological Surveys*, Jerry B. Howard, Principal  
3302 N. Salida del Sol, Chandler, AZ 85224. Phone: (602) 345-2185, and/or  
(602) 644-3428.

*Kinlani Archaeology Ltd*, Cultural Resource Consultants, Attn: Deborah Dosh  
P. O. Box 67, Flagstaff, AZ 86002.  
Phone: (520) 526-9797.  
Fax: (520) 527-9797.

*Robert A. Larkin, M.S., M.A., SFC Engineering*  
7776 Pointe Parkway West, Suite 290, Phoenix, AZ 85044. Phone: (602) 438-2200.  
Fax: (602) 431-9562.

*Northland Research, Inc.*,  
(Flagstaff) P.O. Box 1401, Flagstaff, AZ 86002. Phone: (520) 774-5057.  
Attn: William S. Marmaduke, Ph.D. Fax: (520) 774-3089.

(Tempe) 2308 S. Rural Road, Tempe, AZ 85282-2425. Phone: (602) 894-0020.  
Attn: Ms. Johna Hutira Fax: (602) 894-0957.

*Old Pueblo Archaeology Center*, Attn: Allen Dart, Executive Director  
1000 E. Fort Lowell Road, Tucson, AZ. Phone: (520) 798-1201.  
Fax: (520) 798-1966.  
Mailing Address: P.O. Box 40577, Tucson, AZ 85717-0577.

*P.A.S.T. - Professional Archaeological Services & Technologies*  
5036 Golder Ranch Road, Tucson, AZ 85739-9602. Phone: (520) 825-3536.  
Fax: (520) 825-2636.

*Pima Community College, Archaeology Centre*, Attn: David V.M. Stephen, Director/Professor  
2202 W. Anklam Road, Tucson, AZ 85709-0001. Phone: (520) 884-6022.

*Plateau Mountain Desert Research*, Attn: Donald E. Weaver, Jr.  
P.O. Box 3463, Flagstaff, AZ 86003. Phone: (520) 779-3274.

*Dr. Glen E. Rice*, Head, OCRM/Department of Anthropology  
Arizona State University, Box 872402, Tempe, AZ 85287-2402. Phone: (602) 965-7181.

*Rincon Archaeology/SEC, Inc.*, Attn: Noel Logan/Sarah Horton  
(Rincon) - P.O. Box 2783, Sedona, AZ 86339. Phone: (520) 282-1544.

(SEC) - 20 Stutz Bearcat #6, Sedona, AZ 86336. Phone: (520) 282-7787.  
Fax: (520) 282-0731.

(OVER)



# United States Department of the Interior

## Fish and Wildlife Service

### Arizona Ecological Services Field Office

2321 W. Royal Palm Road, Suite 103

Phoenix, Arizona 85021-4951

(602) 640-2720 Fax (602) 640-2730



In Reply Refer To:

AESO/SE

2-21-97-I-161

CCN 97-0332

February 28, 1997

FILED

MAR 03 1997

Mr. Bradley Wessenburger, ASLA  
Bucher, Willis & Ratliff Corporation  
7920 Ward Parkway  
Kansas City, Missouri 64114-2021

RECEIVED  
KANSAS CITY, MO

RE: Cochise County (Willcox) Airport - BWR Job Number 96-414

Dear Mr. Wessenburger:

This letter responds to your February 20, 1997, request for an inventory of threatened or endangered species, or those that are proposed to be listed as such under the Endangered Species Act of 1973, as amended (Act), which may potentially occur in your project area (Cochise County). The attached list may include candidate species as well. In the past, the U.S. Fish and Wildlife Service has provided project-specific species lists and information. However, staff reductions no longer permit us to provide this detailed level of assistance. We regret any inconvenience this may cause you and hope the enclosed county list of species will be helpful. In future communications regarding this project, please refer to consultation number 2-21-97-I-161.

The enclosed list of the endangered, threatened, proposed, and candidate species includes all those potentially occurring anywhere in the county, or counties, where your project occurs. Please note that your project area may not necessarily include all or any of these species. The information provided includes general descriptions, habitat requirements, and other information for each species on the list. Also on the enclosed list is the Code of Federal Regulations (CFR) citation for each listed or proposed species. Additional information can be found in the CFR and is available at most public libraries. This information should assist you in determining which species may or may not occur within your project area. Site-specific surveys could also be helpful and may be needed to verify the presence or absence of a species or its habitat as required for the evaluation of proposed project-related impacts.

Endangered and threatened species are protected by Federal law and must be considered prior to project development. If the action agency determines that listed species or critical habitat may be adversely affected by a federally funded, permitted, or authorized activity, the action agency must request formal consultation with the Service. If the action agency determines that the planned action may jeopardize a proposed species or destroy or adversely modify proposed critical habitat, the action agency must enter into a section 7 conference with the Service.

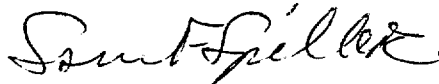
Candidate species are those which are being considered for addition to the list of threatened or endangered species. Candidate species are those for which there is sufficient information to support a proposal for listing. Although candidate species have no legal protection under the Act, we recommend that they be considered in the planning process in the event that they become listed or proposed for listing prior to project completion.

If any proposed action occurs in or near areas with trees and shrubs growing along watercourses, known as riparian habitat, the Service recommends the protection of these areas. Riparian areas are critical to biological community diversity and provide linear corridors important to migratory species. In addition, if the project will result in the deposition of dredged or fill materials into waterways or excavation in waterways, we recommend you contact the Army Corps of Engineers which regulates these activities under Section 404 of the Clean Water Act.

The State of Arizona protects some plant and animal species not protected by Federal law. We recommend you contact the Arizona Game and Fish Department and the Arizona Department of Agriculture for State-listed or sensitive species in your project area.

The Service appreciates your efforts to identify and avoid impacts to listed and sensitive species in your project area. If we may be of further assistance, please contact Tom Gatz.

Sincerely,



Sam F. Spiller  
Field Supervisor

Enclosure

cc: Director, Arizona Game and Fish Department, Phoenix, AZ

2/11/97

LISTED TOTAL= 19

NAME: CANELO HILLS LADIES' TRESSES

*SPIRANTHES DELITESCENS*

STATUS: ENDANGERED CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 62 FR 665, 01-06-97

DESCRIPTION: SLENDER ERECT MEMBER OF THE ORCHID FAMILY (ORCHIDACEAE).

FLOWER: STALK 50 CM TALL, MAY CONTAIN 40 WHITE FLOWERS

SPIRALLY ARRANGED ON THE FLOWERING STALK.

ELEVATION

RANGE: about 5000 FT.

COUNTIES: COCHISE, SANTA CRUZ

HABITAT: FINELY GRAINED, HIGHLY ORGANIC, SATURATED SOILS OF CIENEGAS

POTENTIAL HABITAT OCCURS IN SONORA, MEXICO, BUT NO POPULATIONS HAVE BEEN FOUND.

NAME: COCHISE PINCUSHION CACTUS

*CORYPHANTHA ROBBINSORUM*

STATUS: THREATENED CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 51 FR 952, 1-9-1986

DESCRIPTION: A SMALL UNBRANCHED CACTUS WITH NO CENTRAL SPINES AND 11-17

WHITE RADIAL SPINES. THE BELL-SHAPED FLOWERS ARE BORNE ON

THE ENDS OF TUBERCULES (Protrusions). FLOWERS: BELL SHAPED,

PALE YELLOW-GREEN. FRUITS: ORANGE-RED TO RED

ELEVATION

RANGE: &gt;4200 FT.

COUNTIES: COCHISE AND SONORA, MEXICO

HABITAT: SEMIDESERT GRASSLAND WITH SMALL SHRUBS, AGAVE, OTHER CACTI, AND GRAMA GRASS.

GROWS ON GRAY LIMESTONE HILLS.

NAME: HUACHUCA WATER UMBEL

*LILAEOPSIS SCHAFFNERIANA ssp RECURVA*

STATUS: ENDANGERED CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 62 FR 665, 01-06-97

DESCRIPTION: HERBACEOUS, SEMI-AQUATIC PERENNIAL IN THE PARSLEY FAMILY  
(UMBELLIFERAE) WITH SLENDER ERECT, HOLLOW, LEAVES THAT GROW  
FROM THE NODES OF CREEPING RHIZOMES. FLOWER: 3 TO 10  
FLOWERED UMBELS ARISE FROM ROOT NODES.

ELEVATION

RANGE: 3500-6500 FT.

COUNTIES: PIMA, SANTA CRUZ, COCHISE

HABITAT: CIENEGAS, PERENNIAL LOW GRADIENT STREAMS, WETLANDS

AND IN ADJACENT SONORA, MEXICO, WEST OF THE CONTINENTAL DIVIDE. POPULATIONS ALSO ON FORT  
HUACHUCA MILITARY RESERVATION.

2/11/97

NAME: MEXICAN GRAY WOLF

*CANIS LUPUS BAILEYI*

STATUS: ENDANGERED

CRITICAL HABITAT: No

RECOVERY PLAN: Yes

CFR: 32 FR 4001, 03-11-67; 43

DESCRIPTION: LARGE DOG-LIKE CARNIVORE WITH VARYING COLOR, BUT USUALLY A  
SHADE OF GRAY. DISTINCT WHITE LIP LINE AROUND MOUTH. WEIGH 60-  
90 POUNDS.

FR 1912, 03-09-78

ELEVATION

RANGE: 4,000-12,000 FT.

COUNTIES: COCHISE, PIMA, SANTA CRUZ

HABITAT: CHAPPARAL, WOODLAND, AND FORESTED AREAS. MAY CROSS DESERT AREAS.

HISTORIC RANGE IS CONSIDERED TO BE LARGER THAN THE COUNTIES LISTED ABOVE. UNCONFIRMED REPORTS  
OF INDIVIDUALS IN THE SOUTHERN PART OF THE STATE CONTINUE TO BE RECEIVED. INDIVIDUALS MAY STILL  
PERSIST IN MEXICO.

NAME: OCELOT

*FELIS PARDALIS*

STATUS: ENDANGERED

CRITICAL HABITAT: No

RECOVERY PLAN: Yes

CFR: 47 FR 31670; 07-21-82

DESCRIPTION: MEDIUM-SIZED SPOTTED CAT WHOSE TAIL IS ABOUT 1/2 THE LENGTH  
OF HEAD AND BODY. YELLOWISH WITH BLACK STREAKS AND STRIPES  
RUNNING FROM FRONT TO BACK. TAIL IS SPOTTED AND FACE IS LESS  
HEAVILY STREAKED THAN THE BACK AND SIDES.

ELEVATION

RANGE: &lt;8000 FT.

COUNTIES: SANTA CRUZ, PIMA, COCHISE

HABITAT: HUMID TROPICAL &amp; SUB-TROPICAL FORESTS, SAVANNAHS, AND SEMI-ARID THORNSCRUB.

MAY PERSIST IN PARTLY-CLEARED FORESTS, SECOND-GROWTH WOODLAND, AND ABANDONED CULTIVATION  
REVERTED TO BRUSH. UNIVERSAL COMPONENT IS PRESENCE OF DENSE COVER. UNCONFIRMED REPORTS OF  
INDIVIDUALS IN THE SOUTHERN PART OF THE STATE CONTINUE TO BE RECEIVED.

NAME: BEAUTIFUL SHINER

*CYPRINELLA FORMOSA*

STATUS: THREATENED

CRITICAL HABITAT: Yes

RECOVERY PLAN: Yes

CFR: 49 FR 34490, 8-31-1984

DESCRIPTION: SMALL (2.5 INCHES) SHINY MINNOW AND VERY SIMILAR TO RED SHINER.  
MALES COLORFUL DURING BREEDING (YELLOW-ORANGE OR ORANGE  
ON CAUDAL AND LOWER FINS AND BLUISH BODY.

ELEVATION

RANGE: &lt;4500 FT.

COUNTIES: COCHISE

HABITAT: SMALL TO MEDIUM SIZED STREAMS AND PONDS WITH SAND, GRAVEL, AND ROCK BOTTOMS.

VIRTUALLY EXTIRPATED IN THE UNITED STATES, WITH THE EXCEPTION OF A FEW ISOLATED POPULATIONS ON  
NATIONAL WILDLIFE REFUGES AND IN MEXICO. SAME CRITICAL HABITAT AS YAQUI CHUB AND CATFISH (SEE 49 FR  
34490, 08-31-1984).

2/11/97

## NAME: AMERICAN PEREGRINE FALCON

*FALCO PEREGRINUS ANATUM*

STATUS: ENDANGERED

CRITICAL HABITAT: No

RECOVERY PLAN: Yes

CFR: 35 FR 16047, 10-13-70; 35

DESCRIPTION: A RECLUSIVE, CROW-SIZED FALCON SLATY BLUE ABOVE WHITISH  
BELOW WITH FINE DARK BARRING. THE HEAD IS BLACK AND APPEARS  
TO BE MASKED OR HELMETED. WINGS LONG AND POINTED. LOUD  
WAILING CALLS ARE GIVEN DURING BREEDING PERIOD.

ELEVATION

RANGE: 3500-9000 FT.

COUNTIES: MOHAVE COCONINO NAVAJO APACHE SANTA CRUZ MARICOPA COCHISE YAVAPAI GILA PINAL PIMA  
GREENLEE GRAHAM

HABITAT: CLIFFS AND STEEP TERRAIN USUALLY NEAR WATER OR WOODLANDS WITH ABUNDANT PREY

THIS IS A WIDE-RANGING MIGRATORY BIRD THAT USES A VARIETY OF HABITATS. BREEDING BIRDS ARE YEAR-  
ROUND RESIDENTS. OTHER BIRDS WINTER AND MIGRATE THROUGH ARIZONA. SPECIES IS ENDANGERED FROM  
REPRODUCTIVE FAILURE FROM PESTICIDES.

## NAME: CALIFORNIA CONDOR

*GYMNOPS CALIFORNIANUS*

STATUS: ENDANGERED

CRITICAL HABITAT: No

RECOVERY PLAN: Yes

CFR: 32 FR 4001, 03-11-67

DESCRIPTION: VERY LARGE VULTURE (55 INCHES HEAD TO TAIL, WING=34, TAIL=16,  
TARSUS=4.25). HEAD AND UPPER PARTS OF NECK BARE, BILL YELLOW,  
CERE, HEAD, AND NECK YELLOWISH-RED, PLUMAGE GREY-BLACK.

ELEVATION

RANGE: VARIES FT.

COUNTIES: MOHAVE, COCONINO, NAVAJO COCHISE

HABITAT: HIGH DESERT CANYONLANDS; AND PLATEAUS

RECOVERY/REINTRODUCTION PROGRAM CURRENTLY EVALUATING THE FEASIBILITY OF REINTRODUCTION INTO  
ARIZONA BY 1996. NO LONGER OCCURS IN ARIZONA.

## NAME: MEXICAN SPOTTED OWL

*STRIX OCCIDENTALIS LUCIDA*

STATUS: THREATENED

CRITICAL HABITAT: Yes

RECOVERY PLAN: Yes

CFR: 56 FR 14678, 04-11-91

DESCRIPTION: MEDIUM SIZED WITH DARK EYES AND NO EAR TUFTS. BROWNISH AND  
HEAVILY SPOTTED WITH WHITE OR BEIGE.

ELEVATION

RANGE: 4100-9000 FT.

COUNTIES: MOHAVE, COCONINO, NAVAJO, APACHE, YAVAPAI, GRAHAM, GREENLEE, COCHISE, SANTA CRUZ, PIMA,  
PINAL, GILA, MARICOPA

HABITAT: NESTS IN CANYONS AND DENSE FORESTS WITH MULTI-LAYERED FOLIAGE STRUCTURE

GENERALLY NESTS IN OLDER FORESTS OF MIXED CONIFER OR PONDEROSA PINE/GAMBEL OAK TYPE, IN  
CANYONS, AND USE VARIETY OF HABITATS FOR FORAGING. SITES WITH COOL MICROCLIMATES APPEAR TO BE  
OF IMPORTANCE OR ARE PREFERRED.

2/11/97

NAME: SONORA TIGER SALAMANDER

*AMBYSTOMA TIGRINUM STEBBINSI*

STATUS: ENDANGERED

CRITICAL HABITAT: No

RECOVERY PLAN: No

CFR: 62 FR 665, 01-06-97

DESCRIPTION: 2.6 TO 4.9" SNOUT-VENT LENGTH WITH LIGHT-COLORED BANDS ON A  
DARK BACKGROUND. AQUATIC LARVAE ARE UNIFORM DARK COLOR  
WITH PLUME-LIKE GILLS AND TAIL FINS.

ELEVATION

RANGE: 4000-6300 FT.

COUNTIES: SANTA CRUZ, COCHISE

HABITAT: STOCK TANKS AND IMPOUNDED CIENEGAS IN SAN RAFAEL VALLEY, HUACHUCA MOUNTAINS

ALSO OCCURS IN THE FOOTHILLS OF THE EAST SLOPE OF THE PATAGONIA AND HUACHUCA MOUNTAINS.  
POPULATIONS ALSO ON FORT HUACHUCA.



2/11/97

## CANDIDATE TOTAL= 6

NAME: BLUMER'S DOCK

*RUMEX ORTHONEURUS*

STATUS: CANDIDATE CRITICAL HABITAT: No RECOVERY PLAN: No CFR:

DESCRIPTION: LARGE LONG-LIVED PERENNIAL PLANT IN THE BUCKWHEAT FAMILY  
THAT CAN REACH 1.2-2.0 METERS. LARGE BROAD, OVAL SEMI-  
SUCCULENT LEAVES ARE BRIGHT GREEN. CONSPICUOUS SECONDARY  
VEINS AT RIGHT ANGLES TO THE MIDVEIN

ELEVATION

RANGE: 6500-9000 FT.

COUNTIES: GILA, COCHISE

HABITAT: MID TO HIGH ELEVATION SPRINGS, STREAMS, & WETLANDS WITH MOIST ORGANIC SOILS OR SHADED  
CANYONS

NAME: LEMMON FLEABANE

*ERIGERON LEMMONII*

STATUS: CANDIDATE CRITICAL HABITAT: No RECOVERY PLAN: No CFR:

DESCRIPTION: A PROSTRATE PERENNIAL IN THE SUNFLOWER FAMILY. STEMS AND  
LEAVES ARE DENSELY HAIRY. FLOWERS LOOK LIKE SMALL DELICATE  
DAISIES, WITH WHITE TO LIGHT PURPLE OUTER PETALS AND YELLOW  
INNER PETALS.

ELEVATION

RANGE: 1500-6000 FT.

COUNTIES: COCHISE

HABITAT: GROWS IN DENSE CLUMPS IN CREVICES, LEDGES, AND BOULDERS IN CANYON BOTTOMS IN PINE-OAK  
WOODLAND

NAME: HUACHUCA SPRINGSNAIL

*PYRGULOPSIS THOMPSONI*

STATUS: CANDIDATE CRITICAL HABITAT: No RECOVERY PLAN: No CFR:

DESCRIPTION: VERY SMALL (1.7-3.2mm) CONICAL SHELL. IDENTIFICATION MUST BE  
VERIFIED BY CHARACTERISTICS OF REPRODUCTIVE ORGANS.

ELEVATION

RANGE: 4500-6000 FT.

COUNTIES: COCHISE, SANTA CRUZ

HABITAT: AQUATIC AREAS, SMALL SPRINGS WITH VEGETATION SLOW TO MODERATE FLOW.

INDIVIDUALS FOUND ON FIRM SUBSTANCES (ROOTS, WOOD, AND ROCKS)



DEPARTMENT OF THE ARMY  
LOS ANGELES DISTRICT, CORPS OF ENGINEERS  
ARIZONA-NEVADA AREA OFFICE  
3636 NORTH CENTRAL AVENUE, SUITE 760  
PHOENIX, ARIZONA 85012-1936

REPLY TO  
ATTENTION OF:

February 26, 1997

Office of the Chief  
Regulatory Branch

RECEIVED

MAR 03 1997

Cochise County  
C/O Bucher, Willis & Ratliff Corporation  
ATTN: Bradley C. Weisenburger  
7920 Ward Parkway  
Kansas City, Missouri 64114-2021

BUCHER, WILLIS & RATLIFF  
CORPORATION  
KANSAS CITY, MO

File Number: 974-0234-RJD

Dear Mr. Weisenburger:

Reference is made to your February 20, 1997 request for Department of the Army comments on projects within current property boundaries of the Cochise County Airport, Sections 3 and 4, T14S, R24E, near Willcox, Cochise County, Arizona.

We have assigned file number 974-0234-RJD to your request. Your request for a Department of the Army comments has been reviewed and found incomplete. In order to continue processing your request, the information designated on the enclosed check list is required. We ask that you re-submit your request, referencing our file number, and the additional information checked on the enclosed list. If the requested information is not submitted within 30 days from the date of this letter, your request will be withdrawn.

Please be aware that no dredged or fill material can be discharged into waters of the United States and, if applicable, no structures can be built and no work take place in navigable waters of the United States (Colorado River) while the Corps of Engineers is processing your request.

If you have questions, please contact Robert J. Dummer at (602) 640-5385 x 224.

Sincerely,

*Cindy Lester*

Cindy Lester  
Chief, Arizona Section  
Regulatory Branch

Enclosure(s)

## LIST OF ADDITIONAL INFORMATION REQUIRED FOR COMPLETE APPLICATION

### APPLICANT

- \_\_\_ Complete the enclosed ENG Form 4345
- \_\_\_ Signature of Applicant \_\_\_\_\_ Signature of Agent
- \_\_\_ Signature for statement designating official agent
- \_\_\_ Telephone number during business hours

### DESCRIPTION OF ACTIVITY

- \_\_\_ Complete written description of activity to be permitted
- \_\_\_ Complete written description of overall project
- \_\_\_ Location and name of watercourse
- ✓ \_\_\_ Estimated acreage of waters or wetlands that will be impacted by the entire proposed activity *(Need to delineate waters of U.S. at airport, see "Delineation" memo enclosed)*
- \_\_\_ Quantity of material to be dredged or used as fill
- \_\_\_ Method of dredging
- \_\_\_ Method of transporting dredged material
- \_\_\_ Location of disposal site for dredged material
- \_\_\_ Source and composition of fill material
- \_\_\_ Proposed use of fill area, including specific structures to be erected on fill

### PROJECT PURPOSE

- \_\_\_ Overall project purpose (if different from activity needing a permit)
- \_\_\_ Purpose of proposed fill/activity
- \_\_\_ Need for project
- \_\_\_ Names and addresses of adjoining property owners/lessees (If greater than four, please submit these on pre-typed address labels.)

### STATUS OF ADDITIONAL PERMITS OR CERTIFICATIONS

- \_\_\_ Arizona Department of Environmental Quality
- \_\_\_ \_\_\_\_\_
- \_\_\_ \_\_\_\_\_

## REQUIRED DRAWINGS

All drawings should be legible, and on 8 1/2 x 11" white paper, and include a north arrow, scale, and pertinent project information.

- \_\_\_ Vicinity map
- \_\_\_ Scale plan view diagram of existing (preproject) conditions
- \_\_\_ Scale plan view diagram of proposed conditions following construction of project
- \_\_\_ Cross section or lateral view of proposed activity
- \_\_\_ All drawings and maps should be properly labeled
- \_\_\_ River mile if known
- \_\_\_ Name of water body
- \_\_\_ Identifiable landmarks
- \_\_\_ Area of Corps jurisdictional delineation juxtaposed on project plans
- \_\_\_ Ordinary high water mark
- \_\_\_ Average water depth around the activity
- \_\_\_ Dimensions of the activity and distance it extends beyond ordinary high water mark
- \_\_\_ Location of structures and dimensions immediately adjacent to the proposed activity

## \*\*\*\*\*LIST OF ADDITIONAL INFORMATION RECOMMENDED\*\*\*\*\* TO EXPEDITE PERMIT EVALUATION

## PROJECT DESCRIPTION

- \_\_\_ Name of USGS Quadrangle on which project is located
- \_\_\_ Range, Township, Section that describes site location
- \_\_\_ Project site as sketched on a xeroxed portion of USGS quad map
- \_\_\_ Report describing the biological resources on the project site
- ✓ Aerial photographs with project site delineated (see enclosed "Delineation" memo)

## ALTERNATIVES ANALYSIS

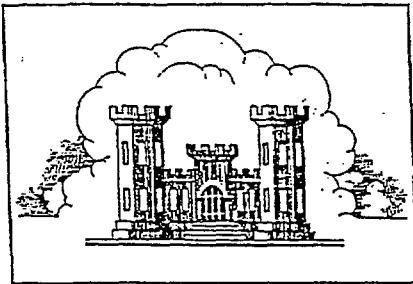
To verify project compliance with the 404(b)(1) guidelines, you will need to demonstrate that there is no other practicable alternative that would have less adverse impact on the aquatic ecosystem.

- \_\_\_\_\_ Statement of overall project purpose
- \_\_\_\_\_ Cost estimates for each alternative, relative to that of the preferred alternative
- \_\_\_\_\_ Project maps and designs for each alternative
- \_\_\_\_\_ Description of a project alternative that avoids the need for a 404 permit
- \_\_\_\_\_ Delineation in acreage of waters of the U.S. impacted in each project alternative
- \_\_\_\_\_ A thorough treatment of why each alternative project design or site that may have few impacts to water of the U.S. is impracticable relative to the preferred project in terms of cost, logistics and existing technology.

#### MITIGATION

- \_\_\_\_\_ A preliminary plan to compensate the anticipated loss of wetland habitat which should include:
- \_\_\_\_\_ A map or layout of proposed mitigation
- \_\_\_\_\_ A description of proposed mitigation
- \_\_\_\_\_ A schedule of proposed planting and preparation
- \_\_\_\_\_ A list of the species to be planted
- \_\_\_\_\_ A proposed maintenance and monitoring program

## SUGGESTED PROCEDURE FOR OBTAINING A SECTION 404 CLEAN WATER ACT DELINEATION



U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT  
ARIZONA REGULATORY FIELD OFFICE  
3636 NORTH CENTRAL AVENUE, SUITE 760  
PHOENIX, ARIZONA 85012-1936  
Telephone: (602) 640-5385  
Fax: (602) 640-5382

1. Letters requesting delineation of Section 404 Clean Water Act jurisdictional areas (i.e. ordinary high water mark and/or wetlands) should be sent to the address noted above.
2. Two copies of a recent vintage (following the latest major flood event) aerial photograph must accompany the jurisdictional request letter. The aerial photograph scale shall be a minimum of 1":400'. Larger scale photographs with sufficient clarity and detail as to easily identify most natural and man made ground features are preferred. Blackline or blue-line paper copies are acceptable if of good quality. Photocopies or inferior quality aerial photographs will be returned with no action taken by the Corps of Engineers. A vicinity map or directions to the project site should accompany the aerial photographs along with the name and address of the property owner.
3. Delineations are typically performed within 30 days from the date received. Delineation requests for large land parcels or remote locations may require additional time.
4. Qualified individuals may propose an ordinary high water mark and/or wetland delineation for acceptance by the Corps of Engineers. Wetland delineations shall be performed in accordance with the criteria identified in the 1987 Corps Wetland Delineation Manual (Y-87-1), as modified by subsequent guidance. Field indicator data forms must be included with any delineation submitted. Copies of data forms are available upon request.
5. There is currently no fee associated with the performance of a Section 404 Clean Water Act delineation.

### Legend and labeling requirements to be provided on the aerial photograph:

- ◆ North arrow
- ◆ Scale
- ◆ Date of photograph
- ◆ Project area boundary
- ◆ Section, Township, and Range
- ◆ Prominent roads, watercourses, and other major features



DEPARTMENT OF THE ARMY  
LOS ANGELES DISTRICT, CORPS OF ENGINEERS  
ARIZONA-NEVADA AREA OFFICE  
3636 NORTH CENTRAL AVENUE, SUITE 760  
PHOENIX, ARIZONA 85012-1936

REPLY TO  
ATTENTION OF:

May 7, 1997

Office of the Chief  
Regulatory Branch

Cochise County  
C/O Bucher, Willis & Ratliff Corporation  
ATTN: Bradley C. Weisenburger  
7920 Ward Parkway  
Kansas City, Missouri 64114-2021

File Number: 974-0234-RJD

Dear Mr. Weisenburger:

This is in reply to your February 20, 1997 letter concerning your proposal to upgrade and expand facilities at the Cochise County Airport. No Section 404 permit is required for all activities within the area shown in "pink" on the enclosed aerial photograph. The Corps of Engineers believes that there is no more than 0.33 acres of waters of the United States within the area shown in "blue" on the enclosed aerial photograph. Therefore the proposed hangar expansion within this "blue" area is authorized under Nationwide Permit No. 26. Cochise County Airport is located within Sections 3 and 4, T14S, R24E, Willcox, Cochise County, Arizona.

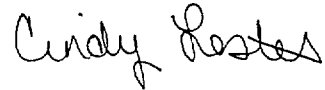
The Corps of Engineers has determined, under Section 404 of the Clean Water Act (33 U.S.C. 1344), that your proposed activity complies with the terms of Nationwide Permit No. 26, "Headwaters and Isolated Waters Discharges." See Enclosure 1 for complete description. You must comply with the enclosed regional, general, and 404 only conditions (Enclosure 1) and the compliance statement (Enclosure 2).

This letter of verification is valid until **Nationwide Permit No. 26 expires on February 11, 1999**. Furthermore, if you commence or are under contract to commence an activity authorized by Nationwide Permit No. 26 before it expires you will have until February 11, 2000 to complete the activity under the present terms and conditions of Nationwide Permit No. 26.

A nationwide permit does not grant any property rights or exclusive privileges. Also, it does not authorize any injury to the property or rights of others or authorize interference with any existing or proposed Federal project. Furthermore, it does not obviate the need to obtain other Federal, state, or local authorizations required by law.

Thank you for participating in our regulatory program. If you have questions, please contact Robert J. Dummer at (602) 640-5385 x 224.

Sincerely,

A handwritten signature in cursive script that reads "Cindy Lester".

Cindy Lester  
Chief, Arizona Section  
Regulatory Branch

Enclosures



*LOS ANGELES DISTRICT  
U.S. ARMY CORPS OF ENGINEERS*

**CERTIFICATION OF COMPLIANCE WITH  
DEPARTMENT OF THE ARMY NATIONWIDE PERMIT**

Permit Number: 974-0234-RJD

Date of Issuance: May 7, 1997

Name of Permittee:

Cochise County  
C/O Bucher, Willis & Ratliff Corporation  
ATTN: Bradley C. Weisenburger  
7920 Ward Parkway  
Kansas City, Missouri 64114-2021

Upon completion of the activity authorized by this permit, sign this certification and return it with an original signature to the following address:

U.S. Army Corps of Engineers  
ATTENTION: Regulatory Branch(974-0234-RJD)  
3636 North Central Avenue Suite 760  
Phoenix, Arizona 85012-1936

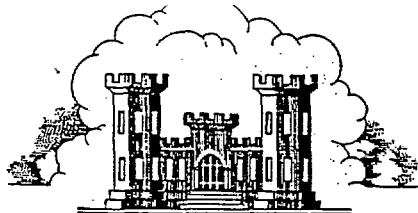
Please note that your permitted activity is subject to a compliance inspection by a Corps of Engineers' representative. If you fail to comply with this Nationwide permit you may be subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced Nationwide permit has been completed in accordance with the terms and conditions of said permit.

\_\_\_\_\_  
Signature of Permittee

\_\_\_\_\_  
Date

Enclosure 2



## U.S. ARMY CORPS OF ENGINEERS

### NATIONWIDE PERMIT NUMBER 26

#### "HEADWATERS AND ISOLATED WATERS DISCHARGES"

Pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) the U.S. Army Corps of Engineers published the "Final Notice of Issuance, Reissuance, and Modification of Nationwide Permits" in the Federal Register (61 FR 65873) on December 13, 1996. Nationwide Permit (NWP) Number 26, effective February 11, 1997 is as follows:

- 26. Headwaters and Isolated Waters Discharges.** Discharges of dredged or fill material into headwaters and isolated waters provided that the activity meets all of the following criteria:
- The discharge does not cause the loss of more than 3 acres of waters of the United States nor cause the loss of waters of the United States for a distance greater than 500 linear feet of the stream bed;
  - For discharges causing the loss of greater than  $\frac{1}{3}$  acre of waters of the United States, the permittee notifies the District Engineer in accordance with the **"Notification"** general condition;
  - For discharges causing a loss of  $\frac{1}{3}$  acre or less of waters of the United States the permittee must submit a report within 30 days of completion of the work, containing the information listed below;
  - For discharges in special aquatic sites, including wetlands, the notification must also include a delineation of affected special aquatic sites, including wetlands (Also see 33 CFR 330.1(e)); and
  - The discharge, including all attendant features, both temporary and permanent, is part of a single and complete project. Note, this NWP will expire on February 11, 1999.

For the purposes of this NWP, the acreage of loss of waters of the United States includes the filled area plus waters of the United States that are adversely affected by flooding, excavation or drainage as a result of the project. The 3 acre and  $\frac{1}{3}$  acre limits of NWP 26 are absolute, and cannot be increased by any mitigation plan offered by the applicant or required by the District Engineer. Whenever any other NWP is used in conjunction with this NWP, the total acreage of impacts to waters of the United States of all NWPs combined cannot exceed 3 acres.

**Subdivisions:** For any real estate subdivision created or subdivided after October 5, 1984, a notification pursuant to subsection (b) of this NWP is required for any discharge which would cause the aggregate total loss of waters of the United States for the entire subdivision to exceed  $\frac{1}{3}$  acre. Any discharge in any real estate subdivision which would cause the aggregate total loss of waters of the United States in the subdivision to exceed 3 acres is not authorized by this NWP; unless the District Engineer exempts a particular subdivision or parcel by making a written determination that: (1) The individual and cumulative adverse environmental effects would be minimal and the property owner had, after October 5, 1984, but prior to February 11, 1997, committed substantial resources in reliance on NWP 26 with regard to a subdivision, in circumstances where it would be inequitable to frustrate the property owner's investment-backed expectations, or (2) that the individual and cumulative adverse environmental effects would be minimal, high quality wetlands would not be adversely affected, and there would be an overall benefit to the aquatic environment. Once the exemption is established for a subdivision, subsequent lot development by individual property owners may proceed using NWP 26. For purposes of NWP 26, the term "real estate subdivision" shall be interpreted to include circumstances where a landowner or developer divides a tract of land into smaller parcels for the purpose of selling, conveying, transferring, leasing, or developing said parcels. This would include the entire area of a residential, commercial or other real estate subdivision, including all parcels and parts thereof.

**Report:** For discharges causing the loss of  $\frac{1}{3}$  acre or less of waters of the United States the permittee must submit a report within 30 days of completion of the work, containing the following information:

- Name, address, and telephone number of the permittee;
- Location of the work;
- Description of the work; and,
- Type and acreage (or square feet) of the loss of waters of the United States (e.g., 0.10 acre of marsh and 50 Square feet of a stream.) (Section 404)

\*\*\*\*\*

(Over)

# Nationwide Permit Conditions

## General Conditions

The following general conditions must be followed in order for any authorization by a NWP to be valid:

1. **Navigation:** No activity may cause more than a minimal adverse effect on navigation.
2. **Proper Maintenance:** Any structure or fill authorized shall be properly maintained, including maintenance to ensure public safety.
3. **Erosion and Siltation Controls:** Appropriate erosion and siltation controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date.
4. **Aquatic Life Movements:** No activity may substantially disrupt the movement of those species of aquatic life indigenous to the waterbody, including those species which normally migrate through the area, unless the activity's primary purpose is to impound water.
5. **Equipment:** Heavy equipment working in wetlands must be placed on mats, or other measures must be taken to minimize soil disturbance.
6. **Regional and Case-by-Case Conditions:** The activity must comply with any regional conditions which may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state or tribe in its section 401 water quality certification.
7. **Wild and Scenic Rivers:** No activity may occur in a component of the National Wild and Scenic River System; or in a river officially designated by Congress as a "study river" for possible inclusion in the system, while the river is in an official study status; unless the appropriate Federal agency, with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely effect the Wild and Scenic River designation, or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency in the area (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service.)
8. **Tribal Rights:** No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.
9. **Water Quality Certification:** In certain states, an individual Section 401 water quality certification must be obtained or waived (see 33 CFR 330.4(c)).
10. **Coastal Zone Management:** In certain states, an individual state coastal zone management consistency concurrence must be obtained or waived (see Section 330.4(d)).
11. **Endangered Species:** (a) No activity is authorized under any NWP which is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act, or which is likely to destroy or adversely modify the critical habitat of such species. Non-federal permittees shall notify the District Engineer if any listed species or critical habitat might be affected or is in the vicinity of the project, and shall not begin work on the activity until notified by the District Engineer that the requirements of the Endangered Species Act have been satisfied and that the activity is authorized.  
(b) Authorization of an activity by a nationwide permit does not authorize the "take" of a threatened or endangered species as defined under the Federal Endangered Species Act. In the absence of separate authorization (e.g., an ESA section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the U.S. Fish and Wildlife Service or the National Marine Fisheries Service, both lethal and non-lethal "takes" of protected species are in violation of the Endangered Species Act. Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the U.S. Fish and Wildlife Service and National Marine Fisheries Service or their world wide web pages at <http://www.fws.gov/> <difference> r9endspp/endspp.html and [http://kingfish.spp.mnfs.gov/tmcintyr/prot\\_res.html#ES](http://kingfish.spp.mnfs.gov/tmcintyr/prot_res.html#ES) and Recovery, respectively.
12. **Historic Properties:** No activity which may affect historic properties listed, or eligible for listing, in the National Register of Historic Places is authorized, until the DE has complied with the provisions of 33 CFR part 325, appendix C. The prospective permittee must notify the District Engineer if the authorized activity may affect any historic properties listed, determined to be eligible, or which the prospective permittee has reason to believe may be eligible for listing on the National Register of Historic Places, and shall not begin the activity until notified by the District Engineer that the requirements of the National Historic Preservation Act have been satisfied and that the activity is authorized. Information on the location and existence of historic resources can be obtained from the State Historic Preservation Office and the National Register of Historic Places (see 33 CFR 330.4(g)).

These agencies will then have 5 calendar days from the date the material is transmitted to telephone or fax the District Engineer notice that they intend to provide substantive, site-specific comments. If so contacted by an agency, the District Engineer will wait an additional 10 calendar days (16 calendar days for NWP 26 PCNs) before making a decision on the notification. The District Engineer will fully consider agency comments received within the specified time frame, but will provide no response to the resource agency. The District Engineer will indicate in the administrative record associated with each notification that the resource agencies' concerns were considered. Applicants are encouraged to provide the Corps multiple copies of notifications to expedite agency notification.

(ii) **Optional Agency Coordination.** For NWPs 5, 7, 12, 13, 17, 18, 27, 31, and 34, where a Regional Administrator of EPA, a Regional Director of USFWS, or a Regional Director of NMFS has formally requested general notification from the District Engineer for the activities covered by any of these NWPs, the Corps will provide the requesting agency with notification on the particular NWPs. However, where the agencies have a record of not generally submitting substantive comments on activities covered by any of these NWPs, the Corps district may discontinue providing notification to those regional agency offices. The District Engineer will coordinate with the resource agencies to identify which activities involving a PCN that the agencies will provide substantive comments to the Corps. The District Engineer may also request comments from the agencies on a case by case basis when the District Engineer determines that such comments would assist the Corps in reaching a decision whether effects are more than minimal either individually or cumulatively.

(iii) **Optional Agency Coordination, 401 Denial.** For NWP 26 only, where the state has denied its 401 water quality certification for activities with less than 1 acre of wetland impact, the EPA regional administrator may request agency coordination of PCNs between 1/3 and 1 acre. The request may only include acreage limitations within the 1/3 to 1 acre range for which the state has denied water quality certification. In cases where the EPA has requested coordination of projects as described here, the Corps will forward the PCN to EPA only. The PCN will then be forwarded to the Fish and Wildlife Service and the National Marine Fisheries Service by EPA under agreements among those agencies. Any agency receiving the PCN will be bound by the EPA timeframes for providing comments to the Corps.

(f) **Wetlands Delineations:** Wetland delineations must be prepared in accordance with the current method required by the Corps. For NWP 29 see paragraph (b)(6)(iii) for parcels less than 0.5 acres in size. The permittee may ask the Corps to delineate the special aquatic site. There may be some delay if the Corps does the delineation. Furthermore, the 30-day period (45 days for NWP 26) will not start until the wetland delineation has been completed and submitted to the Corps, where appropriate.

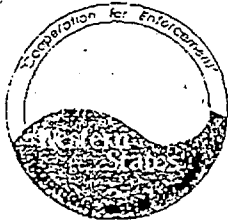
(g) **Mitigation:** Factors that the District Engineer will consider when determining the acceptability of appropriate and practicable mitigation include, but are not limited to:

(i) To be practicable, the mitigation must be available and capable of being done considering costs, existing technology, and logistics in light of the overall project purposes;

(ii) To the extent appropriate, permittees should consider mitigation banking and other forms of mitigation including contributions to wetland trust funds, "in lieu fees" to organizations such as The Nature Conservancy, state or county natural resource management agencies, where such fees contribute to the restoration, creation, replacement, enhancement, or preservation of wetlands. Furthermore, examples of mitigation that may be appropriate and practicable include but are not limited to: Reducing the size of the project; establishing wetland or upland buffer zones to protect aquatic resource values; and replacing the loss of aquatic resource values by creating, restoring, and enhancing similar functions and values. In addition, mitigation must address wetland impacts, such as functions and values, and cannot be simply used to offset the acreage of wetland losses that would occur in order to meet the acreage limits of some of the NWPs (e.g., for NWP 26, 5 acres of wetlands cannot be created to change a 6-acre loss of wetlands to a 1 acre loss; however, 2 created acres can be used to reduce the impacts of a 3-acre loss.).

**14. Compliance Certification:** Every permittee who has received a Nationwide permit verification from the Corps will submit a signed certification regarding the completed work and any required mitigation. The certification will be forwarded by the Corps with the authorization letter and will include: a. A statement that the authorized work was done in accordance with the Corps authorization, including any general or specific conditions; b. A statement that any required mitigation was completed in accordance with the permit conditions; c. The signature of the permittee certifying the completion of the work and mitigation.

**15. Multiple Use of Nationwide Permits:** In any case where any NWP number 12 through 40 is combined with any other NWP number 12 through 40, as part of a single and complete project, the permittee must notify the District Engineer in accordance with paragraphs a, b, and c on the "Notification" General Condition number 13. Any NWP number 1 through 11 may be combined with any other NWP without notification to the Corps, unless notification is otherwise required by the terms of the NWPs. As provided at 33 CFR 330.6(c) two or more different NWPs can be combined to authorize a single and complete project. However, the same NWP cannot be used more than once for a single and complete project.



**WESTERN STATES PROJECT**  
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AGENCY**

USEPA

**MEMORANDUM**

**TO:** Bayer Vella  
**FROM:** RoseAnn Wishner   
**DATE:** June 30, 1997  
**SUBJECT:** Cochise County Airport (#97-06-149)

Pursuant to your request for information on Cochise County Airport, attached is U.S. EPA's Integrated Data Facility-Specific Compliance Profile report.

A review of Project records revealed no previous inquiries regarding Cochise County Airport. There is no record of any state/local criminal action reported to the Regional Environmental Enforcement Associations involving the subject of your inquiry.

If there is anything else I can do, feel free to call.

attachment

	Cochise Per Capita Income	Coschise Adjusted PCI	Willcox City Pop.	Willcox Based Aircraft
1980	7081	9876	3243	22
1981	7738	9807	3241	22
1982	8139	9712	3239	22
1983	8766	10053	3237	22
1984	9408	10338	3235	23
1985	10053	10649	3233	23
1986	10491	10826	3231	23
1987	10919	10919	3229	23
1988	11539	11106	3227	23
1989	11952	11016	3225	24
1990	12747	11251	3122	27
1991	13428	11418	3178	25
1992	14274	11806	3235	25
1993	14509	11748	3293	24
1994	15332.1	11905.9	3352	23
1995	16201.9	12065.9	3382	24
1996	17121.1	12228.1	3420	24
1997	18092.4	12392.5	3459	24
1998	19118.8	12559.1	3498	24
1999	20203.4	12727.9	3538	24
2000	21349.6	12899	3578	24
2001	22560.8	13072.4	3612	24
2002	23840.7	13248.1	3656	24
2003	25193.2	13426.2	3701	24
2004	26622.5	13606.7	3746	25
2005	28132.8	13789.6	3839	24
2006	29728.8	13975	3883	24
2007	31415.4	14162.8	3927	25
2008	33197.7	14353.2	3972	25
2009	35081.1	14546.1	4017	26
2010	37071.3	14741.6	4063	27
2011	39174.4	14939.7	4107	27
2012	41396.8	15140.5	4152	28
2013	43745.3	15344	4197	29
2014	46227.1	15550.2	4243	30
2015	48849.7	15759.2	4290	31
2016	51621	15971	4337	33
2017	54549.6	16185.7	4384	34

Based Aircraft Reg. 1

#### SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.936261
R Square	0.8765847
Adjusted R Square	0.8501385
Standard Error	0.5012368
Observations	18

#### ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	3	24.9826634	8.327554	33.14604	1.2941E-06
Residual	14	3.51733659	0.251238		
Total	17	28.5			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>
Intercept	78.800428	12.1188922	6.50228	1.4E-05	52.8079667
X Variable 1	0.0008109	0.00026105	3.10639	0.007734	0.00025103
X Variable 2	-0.001218	0.00093574	-1.301333	0.214153	-0.0032247
X Variable 3	-0.015814	0.00216979	-7.288199	3.98E-06	-0.0204676

## Jan. 1997

[illegible]

Correlation Analysis: Trend Line For Based Aircr	
1.00000	Forecast Years (2002-2022)
0.79911	All Years (1980-2022)
0.50243	Historic Years (1980-1997)